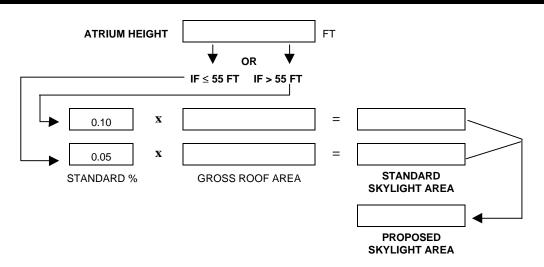
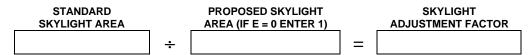
<b>OVERALL ENV</b>	ELOPE METH	(Part 1 of 5)	ENV-2	
PROJECT NAME				DATE
WINDOW AREA TEST				
A. DISPLAY PERIMETER		FT × 6 =		SF DISPLAY AREA
B. GROSS EXTERIOR WALL AREA	A .	SF × 0.40 =		SF 40% AREA
C. GROSS EXTERIOR WALL AREA	A	SF × 0.10 =		SF MINIMUM STANDARD AREA
D. ENTER LARGER OF A OR B		1		SF MAXIMUM STANDARD AREA
E. ENTER PROPOSED WINDOW A	REA			SF PROPOSED AREA
IF E IS GREATER THAN D OR LES TO PART 2 OF 5. 1. IF E IS GREATER THAN D:	S THAN C, PROCEED TO THE N	EXT CALCULATION	N FOR WINDOW AREA	ADJUSTMENT. IF NOT, GO
	MAXIMUM STANDARD AREA		OPOSED OW AREA  = [ GO TO PART 5 TO CA	WINDOW ADJUSTMENT FACTOR ALCULATE ADJUSTED AREA
2. IF LESS THAN C:				
[	MAXIMUM STANDARD AREA		D WINDOW E = 0 ENTER 1)	WINDOW ADJUSTMENT FACTOR
			GO TO PART 5 TO	CALCULATE ADJUSTED AREA

## **SKYLIGHT AREA TEST**



IF THE PROPOSED SKYLIGHT AREA IS GREATER THAN THE STANDARD SKYLIGHT AREA, PROCEED TO THE NEXT CALCULATION FOR THE SKYLIGHT AREA ADJUSTMENT. IF NOT, GO TO PART 2 OF 5.

1. IF PROPOSED SKYLIGHT AREA ≥ STANDARD SKYLIGHT AREA:



**GO TO PART 5 TO CALCULATE ADJUSTED AREAS** 

<u> </u>	ERALL ENV	ELOPI	E METH	IOD		(Pa	rt 2 of 5	5)		ENV-2
PROJEC	TNAME							DATE		
OVE	RALL HEAT LOSS									
	Α	В	С	D			E	F	G	Н
-				PROPOSED		BLE			STANDARD	
	ASSEMBLY NAME (e.g. Wall-1, Floor-1)	AREA	HEAT CAPACITY	U-VALUE	Υ	JES?	UA (B×D)	AREA* (Adjusted)	U-VALUE	<b>UA</b> (F × G)
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WALLS										
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ROOFS/CEILINGS										
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FLOORS/SOFFITS					┤╎					
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$\mid \uparrow \mid$			N/A			ᆸ				
၂ တ			N/A							
WINDOWS	ANES		N/A							
MINI	#OF PANES		N/A							
			N/A							
$\vdash$			N/A							
			N/A N/A		┨					
胨	NES		N/A N/A							
SKYLIGHTS	#OF PANES		N/A							
ð	#		N/A							
			N/A							
	* If Window and/or Skylight	Area Adjustme	nt					Column l	E shall	
	is Required, use adjusted a of 5.	areas from part	5				TOTAL	be no gre than colu	atti	TOTAL

OVERALL ENVELOPE METHOD (Part 3 of 5) ENV-2												
PROJEC	TNAME									DATE		
OVE	RALL HEAT GAIN	FROM	CON	IDUCTION	ON					l		
	Α	В	С	D	Е			F	G	Н	I	J
			<u> </u>	PR	OPOSED	TABL	E			STAN	DARD K	
	ASSEMBLY NAME (e.g. Wall-1, Floor-1)	AREA	TEMP. FACTOR	HEAT CAPACITY			S? N	HEAT GAIN (B×C×E)	AREA* (Adjusted)	U-VALUE	TEMP. FACTOR	HEAT GAIN (G×H×I)
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ROOFS/CEILINGS							<b>.</b>					
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JFS/					<del>                                     </del>	_ :	]  -					
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175							- - -					
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FLOORS/SOFFITS							_ _					
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WINDOWS	# OF PANES			N/A			⊒[					
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				N/A			╛╽					
				N/A			_				<u> </u>	
				N/A			]					
TS				N/A	-		]					
ᆙ	# OF PANES			N/A	<del>                                     </del>		]				<u> </u>	
SKYLIGHTS				N/A	<del>                                     </del>		<b>]</b>					
		-		N/A			] ]					
				N/A			<u>-</u>					
	* If Window and/or Skyliq is Required, use adjust	ght Area Adj ed areas froi	ustmen n part 5	t 5								
	of 5.							SUBTOTAL				SUBTOTAL

(	٥V	'ERALL EN	IVELO	PΕ	ME	TH	OD	)		(P	art 4 of	5)			ENV-2
Р	ROJE	CT NAME										DATE			
C	VE	RALL HEAT GA	IN FROM	RAD	IATIO	NC						•			
		Α	В	С	D	E	F		G	Н		J	К	L	М
		WINDOW/SKYLIGHT NAME (e.g Window-1, Sky-1)	WEIGHTING FACTOR	AREA	SOLAR	SHGC		OVER V	HANG		HEAT GAIN (BxCx DxExH)	AREA (Adjusted)*	RSHG or SHGC**	SOLAR FACTOR	HEAT GAIN (B×J×K×L)
	NORTH														
	EAST														
	SOUTH														

\* If Window and/or Skylight Area Adjustment is Required, use adjusted areas from part 5 of 5.

\*\* Only SHGC is used for Skylights

N/A Part 4 Subtotal Part 3 Subtotal TOTAL

N/A

N/A

N/A N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Part 4 Subtotal Part 3 Subtotal TOTAL

Column I must be less than column M

WEST

SKYLIGHTS

OVERALL ENVELOPE METHOD (Part 5 of 5) ENV-2										
PROJECT NAME					D	ATE				
WINDOW AREA AD	JUSTMENT CALC	CULATIO	NS							
☐ CHECK IF NOT APPLICA	ABLE (see Part 1 of 5)				E	F	G			
WALL NAME (e.g. Wall-1, Wall-2)	ORIENTATION N E S W	B GROSS AREA	DOOR AREA	D WINDOW AREA	WINDOW ADJUSTMENT FACTOR (From Part 1)	ADJUSTED WINDOW AREA (D×E)	ADJUSTED WALL AREA B-(F+C)			
	TOTALS:									
SKYLIGHT AREA A	DJUSTMENT CAL	CULATI	ONS							
☐ CHECK IF NOT APPLICA	ABLE (see Part 1 of 5)			D	E		F			
ROOF NAME (e.g. Roof-1, Roof-2)	GROSS AREA	SKYLIGH AREA		SKYLIGHT ADJUSTMENT FACTOR (From Part 1)	ADJUSTED S  AREA (C×D	Α.	ADJUSTED ROOF AREA (B - E)			
TOTALS:										